

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/870123
Source: IFWO
Date Processed by STIC: 4/20/07

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IFWO

RAW SEQUENCE LISTING

DATE: 04/20/2007

PATENT APPLICATION: US/10/570,123

TIME: 11:10:14

Input Set : N:\AMC\10570123.TXT

Output Set: N:\CRF4\04202007\J570123.raw

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3 <110> APPLICANT: ARES TRADING S.A.
5 <120> TITLE OF INVENTION: C1Q RELATED PROTEIN
7 <130> FILE REFERENCE: P035543WO
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/570,123
C--> 9 <141> CURRENT FILING DATE: 2006-02-28
9 <150> PRIOR APPLICATION NUMBER: PCT/GB2004/004197
10 <151> PRIOR FILING DATE: 2004-10-01
12 <150> PRIOR APPLICATION NUMBER: GB 0322998.6
13 <151> PRIOR FILING DATE: 2003-10-01
15 <160> NUMBER OF SEQ ID NOS: 41
17 <170> SOFTWARE: SeqWin99, version 1.02
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20 <211> LENGTH: 881
21 <212> TYPE: DNA
22 <213> ORGANISM: Homo sapiens
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26 ctaaagccat ccagtggccc acctccagaa gaagaagaaa ccctcttcac agaaatggct 120
27 gaaatggcag aaccaattac caaacctctg gccttggatt ctgtcttttg cactgccact 180
28 ctctctccct ttgaaaactt cactcttgac ccagctgatt tctttttgaa ttgttgtgat 240
29 tggtgttcac ctgtaccccg gcagaaagga gaacctggag agactggaca gccaggtcct 300
30 aaaggagagg ctggaaatth ggggatccca gggccaccag gagttgttg gccccaaggc 360
31 cctagaggct acaaaggaga gaaaggtgaa cctggcccta agggagataa aggaaacatt 420
32 ggtttgggag gagtgaaagg acaaaaaggc tccaagggag acacatgtgg gaattgtacc 480
33 aaaggagaaa aaggagacca aggggctatg ggctcacctg gcctgcacgg agggcctggc 540
34 gccaaaggag agaaggggga gatgggggag aagggggaga tgggggataa gggctgctgt 600
35 ggagattctg gggagagggg aggaaaagga cagaaaggtg aggggggtat gaaaggggaa 660
36 aaaggtagca aaggagacag tggaatggaa ggcaaaagcg gccgtaatgg tctgcctggg 720
37 gccaaaggtg atccagggat taaaggagaa aaaggagagt taggtcctcc tggctcctg 780
38 ggacctactg ggccgaaggg tgacattggc aacaaagggg tccgaggccc cactgggaag 840
39 aagggtctctc ggggctttta aggctccaag ggtgagttgg c 881
41 <210> SEQ ID NO: 2
42 <211> LENGTH: 294
43 <212> TYPE: PRT
44 <213> ORGANISM: Homo sapiens
46 <400> SEQUENCE: 2
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48 1 5 10 15
50 Met Pro Lys Gly Leu Lys Pro Ser Ser Gly Pro Pro Pro Glu Glu Glu
51 20 25 30
53 Glu Thr Leu Phe Thr Glu Met Ala Glu Met Ala Glu Pro Ile Thr Lys
54 35 40 45
56 Pro Ser Ala Leu Asp Ser Val Phe Gly Thr Ala Thr Leu Ser Pro Phe

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57      50      55      60
59 Glu Asn Phe Thr Leu Asp Pro Ala Asp Phe Phe Leu Asn Cys Cys Asp
60 65      70      75      80
62 Cys Cys Ser Pro Val Pro Gly Gln Lys Gly Glu Pro Gly Glu Thr Gly
63      85      90      95
65 Gln Pro Gly Pro Lys Gly Glu Ala Gly Asn Leu Gly Ile Pro Gly Pro
66      100      105      110
68 Pro Gly Val Val Gly Pro Gln Gly Pro Arg Gly Tyr Lys Gly Glu Lys
69      115      120      125
71 Gly Glu Pro Gly Pro Lys Gly Asp Lys Gly Asn Ile Gly Leu Gly Gly
72      130      135      140
74 Val Lys Gly Gln Lys Gly Ser Lys Gly Asp Thr Cys Gly Asn Cys Thr
75 145      150      155      160
77 Lys Gly Glu Lys Gly Asp Gln Gly Ala Met Gly Ser Pro Gly Leu His
78      165      170      175
80 Gly Gly Pro Gly Ala Lys Gly Glu Lys Gly Glu Met Gly Glu Lys Gly
81      180      185      190
83 Glu Met Gly Asp Lys Gly Cys Cys Gly Asp Ser Gly Glu Arg Gly Gly
84      195      200      205
86 Lys Gly Gln Lys Gly Glu Gly Gly Met Lys Gly Glu Lys Gly Ser Lys
87      210      215      220
89 Gly Asp Ser Gly Met Glu Gly Lys Ser Gly Arg Asn Gly Leu Pro Gly
90 225      230      235      240
92 Ala Lys Gly Asp Pro Gly Ile Lys Gly Glu Lys Gly Glu Leu Gly Pro
93      245      250      255
95 Pro Gly Leu Leu Gly Pro Thr Gly Pro Lys Gly Asp Ile Gly Asn Lys
96      260      265      270
98 Gly Val Arg Gly Pro Thr Gly Lys Lys Gly Ser Arg Gly Phe Lys Gly
99      275      280      285
101 Ser Lys Gly Glu Leu Ala
102      290

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104 <210> SEQ ID NO: 3

105 <211> LENGTH: 1230

106 <212> TYPE: DNA

107 <213> ORGANISM: Homo sapiens

109 <400> SEQUENCE: 3

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111 gaaccaatta ccaaaccctc ggccttggat tctgtctttg gcactgccac tctctctccc 120
112 tttgaaaact tcaactcttg cccagctgat ttctttttga attgtttgta ttgtttgtca 180
113 cctgtaccgc ggcagaaagg agaacctgga gagactggac agccaggtcc taaaggagag 240
114 gctggaaatt tggggatccc agggccacca ggagttgttg ggccccaagg ccctagaggc 300
115 tacaaaggag agaaagggtg acctggccct aagggagata aaggaaacat tggtttggga 360
116 ggagtgaag gacaaaaagg ctccaaggga gacacatgtg ggaattgtac caaaggagaa 420
117 aaaggagacc aaggggctat gggctcacct ggcctgcacg gagggcctgg cgccaaggga 480
118 gagaaggggg agatggggga gaagggggag atgggggata agggctgctg tggagattct 540
119 ggggagaggg gagggaaaagg acagaaaagg gaggggggta tgaaagggga aaaaggtagc 600
120 aaaggagaca gtggaatgga aggcaaaagc ggccgtaatg gtctgcctgg ggccaaaggt 660
121 gatccaggga ttaaggaga aaaaggagag ttaggtcctc ctggtctcct gggacctact 720
122 gggccgaagg gtgacattgg caacaaaggg gtccgaggcc ccactgggaa gaagggctct 780

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123 cggggcttta aaggctccaa ggggtgagttg gctagagtgc cccggtcggc tttcagcgct 840
124 ggtttgtcaa agccatttcc tcctcctaac atcccatca aatttgaaaa gattctctat 900
125 aatgaccaag ggaattacag tcctgtcact gggaagtta actgctctat tcctgggaca 960
126 tatgtttttt cctaccatat tacggtgagg gggcgacctg ctgcaatcag tctgggtggc 1020
127 cagaataaga agcagttcaa gtccagagaa actctctatg gtcaggaaat agaccaggcc 1080
128 tctctcctcg tcatcttgaa attaagtga ggagaccaag tctggcttga ggtgtcaaaa 1140
129 gattggaatg ggggtgtatgt cagtgtctgag gatgacagca tttttactgg gttecttttg 1200
130 taccagagg aaacttctgg aatttcacca 1230
132 <210> SEQ ID NO: 4
133 <211> LENGTH: 410
134 <212> TYPE: PRT
135 <213> ORGANISM: Homo sapiens
137 <400> SEQUENCE: 4
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139 1 5 10 15
141 Ala Glu Met Ala Glu Pro Ile Thr Lys Pro Ser Ala Leu Asp Ser Val
142 20 25 30
144 Phe Gly Thr Ala Thr Leu Ser Pro Phe Glu Asn Phe Thr Leu Asp Pro
145 35 40 45
147 Ala Asp Phe Phe Leu Asn Cys Cys Asp Cys Cys Ser Pro Val Pro Gly
148 50 55 60
150 Gln Lys Gly Glu Pro Gly Glu Thr Gly Gln Pro Gly Pro Lys Gly Glu
151 65 70 75 80
153 Ala Gly Asn Leu Gly Ile Pro Gly Pro Pro Gly Val Val Gly Pro Gln
154 85 90 95
156 Gly Pro Arg Gly Tyr Lys Gly Glu Lys Gly Glu Pro Gly Pro Lys Gly
157 100 105 110
159 Asp Lys Gly Asn Ile Gly Leu Gly Gly Val Lys Gly Gln Lys Gly Ser
160 115 120 125
162 Lys Gly Asp Thr Cys Gly Asn Cys Thr Lys Gly Glu Lys Gly Asp Gln
163 130 135 140
165 Gly Ala Met Gly Ser Pro Gly Leu His Gly Gly Pro Gly Ala Lys Gly
166 145 150 155 160
168 Glu Lys Gly Glu Met Gly Glu Lys Gly Glu Met Gly Asp Lys Gly Cys
169 165 170 175
171 Cys Gly Asp Ser Gly Glu Arg Gly Gly Lys Gly Gln Lys Gly Glu Gly
172 180 185 190
174 Gly Met Lys Gly Glu Lys Gly Ser Lys Gly Asp Ser Gly Met Glu Gly
175 195 200 205
177 Lys Ser Gly Arg Asn Gly Leu Pro Gly Ala Lys Gly Asp Pro Gly Ile
178 210 215 220
180 Lys Gly Glu Lys Gly Glu Leu Gly Pro Pro Gly Leu Leu Gly Pro Thr
181 225 230 235 240
183 Gly Pro Lys Gly Asp Ile Gly Asn Lys Gly Val Arg Gly Pro Thr Gly
184 245 250 255
186 Lys Lys Gly Ser Arg Gly Phe Lys Gly Ser Lys Gly Glu Leu Ala Arg
187 260 265 270
189 Val Pro Arg Ser Ala Phe Ser Ala Gly Leu Ser Lys Pro Phe Pro Pro
190 275 280 285

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192 Pro Asn Ile Pro Ile Lys Phe Glu Lys Ile Leu Tyr Asn Asp Gln Gly
193      290      295      300
195 Asn Tyr Ser Pro Val Thr Gly Lys Phe Asn Cys Ser Ile Pro Gly Thr
196 305      310      315      320
198 Tyr Val Phe Ser Tyr His Ile Thr Val Arg Gly Arg Pro Ala Arg Ile
199      325      330      335
201 Ser Leu Val Ala Gln Asn Lys Lys Gln Phe Lys Ser Arg Glu Thr Leu
202      340      345      350
204 Tyr Gly Gln Glu Ile Asp Gln Ala Ser Leu Leu Val Ile Leu Lys Leu
205      355      360      365
207 Ser Ala Gly Asp Gln Val Trp Leu Glu Val Ser Lys Asp Trp Asn Gly
208      370      375      380
210 Val Tyr Val Ser Ala Glu Asp Asp Ser Ile Phe Thr Gly Phe Leu Leu
211 385      390      395      400
213 Tyr Pro Glu Glu Thr Ser Gly Ile Ser Pro
214      405      410
216 <210> SEQ ID NO: 5
217 <211> LENGTH: 795
218 <212> TYPE: DNA
219 <213> ORGANISM: Homo sapiens
221 <400> SEQUENCE: 5
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224 ttgaaaact tcaactcttga cccagctgat ttctttttga attgttgtga ttgttgttca 180
225 cctgtaccgc ggcagaaagg agaacctgga gagactggac agccaggtcc taaaggagag 240
226 gctggaaatt tggggatccc agggccacca ggagttgttg ggccccaagg ccctagaggc 300
227 tacaaaggag agaaagggtga acctggccct aaggagata aaggaaacat tggtttggga 360
228 ggagtgaag gacaaaaagg ctccaaggga gacacatgtg ggaattgtac caaaggagaa 420
229 aaaggagacc aaggggctat gggctcacct ggcctgcacg gagggcctgg cgccaaggga 480
230 gagaaggggg agatggggga gaagggggag atgggggata agggctgctg tggagattct 540
231 ggggagaggg gaggaaaagg acagaaaagg gaggggggta tgaaagggga aaaaggtagc 600
232 aaaggagaca gtggaatgga aggcaaaagc ggccgtaatg gtctgcctgg ggccaaaggt 660
233 gatccaggga ttaaaggaga aaaaggagag ttaggtcctc ctggtctcct gggacctact 720
234 gggccgaagg gtgacattgg caacaaaggg gtccgaggcc ccactgggaa gaagggtctc 780
235 cggggcttta aaggc 795
237 <210> SEQ ID NO: 6
238 <211> LENGTH: 265
239 <212> TYPE: PRT
240 <213> ORGANISM: Homo sapiens
242 <400> SEQUENCE: 6
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244 1      5      10      15
246 Ala Glu Met Ala Glu Pro Ile Thr Lys Pro Ser Ala Leu Asp Ser Val
247      20      25      30
249 Phe Gly Thr Ala Thr Leu Ser Pro Phe Glu Asn Phe Thr Leu Asp Pro
250      35      40      45
252 Ala Asp Phe Phe Leu Asn Cys Cys Asp Cys Cys Ser Pro Val Pro Gly
253      50      55      60
255 Gln Lys Gly Glu Pro Gly Glu Thr Gly Gln Pro Gly Pro Lys Gly Glu

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256 65          70          75          80
258 Ala Gly Asn Leu Gly Ile Pro Gly Pro Pro Gly Val Val Gly Pro Gln
259          85          90          95
261 Gly Pro Arg Gly Tyr Lys Gly Glu Lys Gly Glu Pro Gly Pro Lys Gly
262          100          105          110
264 Asp Lys Gly Asn Ile Gly Leu Gly Gly Val Lys Gly Gln Lys Gly Ser
265          115          120          125
267 Lys Gly Asp Thr Cys Gly Asn Cys Thr Lys Gly Glu Lys Gly Asp Gln
268          130          135          140
270 Gly Ala Met Gly Ser Pro Gly Leu His Gly Gly Pro Gly Ala Lys Gly
271 145          150          155          160
273 Glu Lys Gly Glu Met Gly Glu Lys Gly Glu Met Gly Asp Lys Gly Cys
274          165          170          175
276 Cys Gly Asp Ser Gly Glu Arg Gly Gly Lys Gly Gln Lys Gly Glu Gly
277          180          185          190
279 Gly Met Lys Gly Glu Lys Gly Ser Lys Gly Asp Ser Gly Met Glu Gly
280          195          200          205
282 Lys Ser Gly Arg Asn Gly Leu Pro Gly Ala Lys Gly Asp Pro Gly Ile
283          210          215          220
285 Lys Gly Glu Lys Gly Glu Leu Gly Pro Pro Gly Leu Leu Gly Pro Thr
286 225          230          235          240
288 Gly Pro Lys Gly Asp Ile Gly Asn Lys Gly Val Arg Gly Pro Thr Gly
289          245          250          255
291 Lys Lys Gly Ser Arg Gly Phe Lys Gly
292          260          265
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295 <211> LENGTH: 435
296 <212> TYPE: DNA
297 <213> ORGANISM: Homo sapiens
299 <400> SEQUENCE: 7
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301 tttcctcctc ctaacatccc catcaaattt gaaaagattc tctataatga ccaagggaa 120
302 tacagtccctg tcaactggga gtttaactgc tctattcctg ggacatatgt ttttcctac 180
303 catattacgg tgagggggcg acctgctcga atcagtctgg tggcccagaa taagaagcag 240
304 ttcaagtcca gagaaactct ctatggtcag gaaatagacc aggcctctct cctcgctcatc 300
305 ttgaaattaa gtgcaggaga ccaagtctgg cttgaggtgt caaaagattg gaatgggggtg 360
306 tatgtcagtg ctgaggatga cagcattttt actgggttcc ttttgtacc agaggaaact 420
307 tctggaattt cacca 435
309 <210> SEQ ID NO: 8
310 <211> LENGTH: 145
311 <212> TYPE: PRT
312 <213> ORGANISM: Homo sapiens
314 <400> SEQUENCE: 8
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316 1 5 10 15
318 Leu Ser Lys Pro Phe Pro Pro Pro Asn Ile Pro Ile Lys Phe Glu Lys
319 20 25 30
321 Ile Leu Tyr Asn Asp Gln Gly Asn Tyr Ser Pro Val Thr Gly Lys Phe
322 35 40 45

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VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date